

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **11028994 A**

(43) Date of publication of application: **02.02.99**

(51) Int. Cl.

B60R 21/00
B60R 21/00
B60R 19/48

(21) Application number: **09187889**

(22) Date of filing: **14.07.97**

(71) Applicant: **NISSAN MOTOR CO LTD**

(72) Inventor: **MATSUURA YASUKUNI**
MAKI TETSUO
MAEDA KOZO

(54) SENSOR SYSTEM FOR PROTECTING PEDESTRIAN

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a pedestrian protecting sensor system in which collision with a pedestrian can be easily discriminated from collision with other things, and in which time required for above discrimination can be shortened.

SOLUTION: In a pedestrian protecting sensor system provided with lifting mechanisms 5a, 5b, a car speed sensor 11, a pedestrian detection means 2, and a controller 12, the pedestrian detection means 2 is composed of a load or displacement sensor disposed in a car width direction inside or around a front bumper 1 to output in proportion to load quantity or displacement quantity in a vehicle axial direction, and it detects collision with a pedestrian to lift a hood 4 when outputs of the car speed sensor 11 and the load or displacement sensor coincide with predetermined conditions.

COPYRIGHT: (C)1999,JPO

